



FIG.2

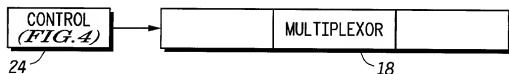
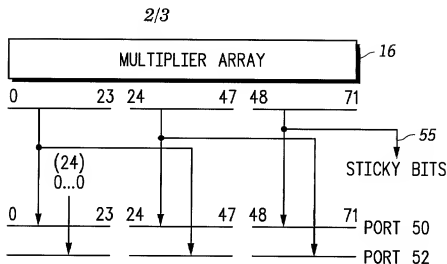
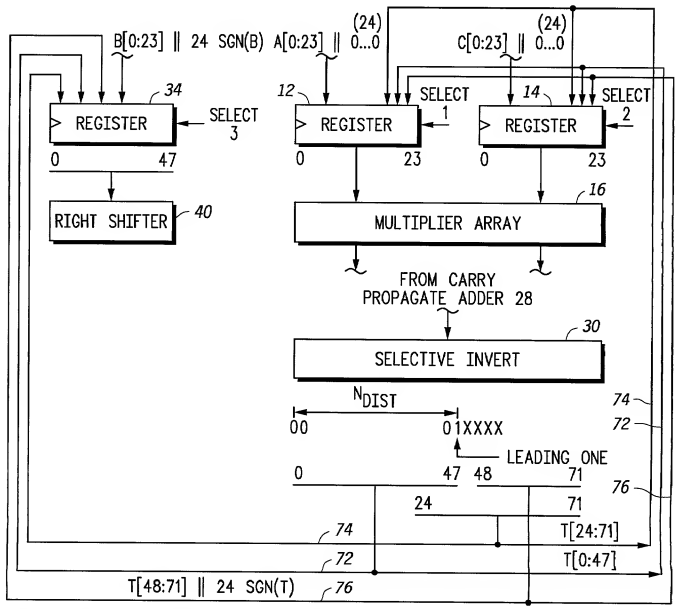


FIG.3



CASE	Int^1_{Exp}	T^0_{Exp}	B^1_{Shift} OR T^0_{Shift}	RIGHT SHIFT AC AFTER MULTIPLY:
1	$Int^1_{Exp} = T^0_{Exp} + C^1_{Exp}$	$T^0_{Exp} = Int^0_{Exp} - 24 \times \left\lfloor \frac{(N^0_{Dist})}{24} \right\rfloor$	$B^1_{Shift} = T^0_{Exp} + C^1_{Exp} - B^1_{Exp}$	0 BITS $A^1 \ast T^0$ OR $C^1 \ast T^0$
2				24 BITS $A^1 \ast T^0$ OR $C^1 \ast T^0$
3	$Int^1_{Exp} = A^1_{Exp} + C^1_{Exp} + 25$		$T^1_{Shift} = A^1_{Exp} + C^1_{Exp} - T^0_{Exp} + 25$	0 BITS $A^1 \ast C^1$
4	$Int^1_{Exp} = A^1_{Exp} + C^1_{Exp} + 49$		$T^1_{Shift} = A^1_{Exp} + C^1_{Exp} - T^0_{Exp} + 49$	24 BITS $A^1 \ast C^1$

FIG.4